

## Review Sheet: Chapters 17 & 18

- Result from the decay of tiny marine organisms that accumulated on the ocean floor millions of years ago
  - Coal, oil and natural gas
  - Most abundant fossil fuel in the world
  - Region with the most oil deposits
  - Made from petroleum
  - Major source of pollution when coal is burned
  - Produces most of the electricity in the U.S.
  - Also known as petroleum
  - Used to make gasoline
  - Made up of methane
  - Needs little refining after it's mined
  - Converts motion into electrical energy
  - What the energy in fossil fuels is often converted into
  - Site of the world's worst nuclear reactor accident
  - Element used in a nuclear reactor
  - Splitting of atomic nuclei
  - Energy from sources that are constantly being formed
  - Can be used to generate electricity in areas where deposits of water are heated inside Earth
  - The difficulty of transporting the energy from its source to where it is needed is a disadvantage of what renewable energy source
  - The fastest-growing source of energy in the world
  - Produced from the flow of moving water
  - The energy from heat in the Earth's crust
  - Produced by nuclear fusion reactions in the sun's core
  - Converts the movement of wind into electrical energy
  - Uses the sun's energy to heat something directly
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- Main uses of fuel
  - Factors that determine a fuel's suitability
  - Describe how electricity is generated in a coal-fired power plant.